JAVA PROGRAMMING

Programming is an essential career area that supports today's technology-based society. All programming involves the writing of detailed instructions that direct a computer to perform tasks necessary to process data into information. This event recognizes PBL members who have developed an understanding and proficiency in the writing and development of programs in Java.

COMPETENCIES

The written objective tests for Java programming will consist of items related to menu and arrays; window controls; computer concepts; word functions including sub procedures or subroutines; programming structures: sequence, decision/selection, and repetition; variables; constants; debugging procedures; types of input and output; and graphical user interface.

ELIGIBILITY

Each chapter may enter two (2) participants who are members of active local chapters and are on record as having paid dues by **March 1** of the current school year.

REGULATIONS

1. An entry form must be mailed to the state office postmarked no later than the designated deadline.

2. Participants must be selected in accordance with the regulations of the state chapter and the national association.

3. Participants must not have entered this event at a previous State Leadership Conference.

4. Participants failing to report on time for the event may be **DISQUALIFIED**.

5. Participants must adhere to the dress code established by the Board of Directors, or they will not be permitted to participate in the competitive event.

PROCEDURES

� A one-hour (1) written objective test will be administered based on the previously listed COMPETENCIES.

� Participants must furnish their own No. 2 pencils and erasers; they may use their own non-graphing calculators.

JUDGING

Tests will be machine graded. Ties will be broken based in the order in which the tests were returned.

AWARDS

A plaque is presented to the first place winner. Certificates are given to winners second through fifth places.

PARTICIPATION AT NATIONAL

The first and second place winners in this event are eligible to represent the state chapter at the National Leadership Conference.